



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

ΣV

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/931,678	08/16/2001	Gordon Robert Stone	C-527	3349

7590 04/07/2005

SUN CHEMICAL CORPORATION
222 BRIDGE PLAZA SOUTH
FORT LEE, NJ 07024

EXAMINER

BAKER, CHARLOTTE M

ART UNIT PAPER NUMBER

2626

DATE MAILED: 04/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/931,678

Applicant(s)

STONE ET AL.

Examiner

Charlotte M Baker

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-84 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-84 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Charlotte M. Baker 03/24/05

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/15/01; 07/28/03.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____

JEROME GRANT II
PRIMARY EXAMINER

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: p. 24, ln. 4, change "creation a color" to --creation of a color--.

Appropriate correction is required.

Claim Objections

2. Claim 65 objected to because of the following informalities: change "The method of claim 64" to --The system of claim 64--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-84 are rejected under 35 U.S.C. 102(e) as being anticipated by Chan (6,342,952).

Regarding claim 1: The structural elements of apparatus claim 53 perform all of the steps of method claim 1. Thus, claim 1 is rejected for the same reasons discussed in the rejection of claim 53.

Regarding claim 2: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 54 perform all of the steps of method claim 2. Thus, claim 2 is rejected for the same reasons discussed in the rejection of claim 54.

Art Unit: 2626

Regarding claim 3: Chan satisfies all the elements of claim 2. The structural elements of apparatus claim 55 perform all of the steps of method claim 3. Thus, claim 3 is rejected for the same reasons discussed in the rejection of claim 55.

Regarding claim 4: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 56 perform all of the steps of method claim 4. Thus, claim 4 is rejected for the same reasons discussed in the rejection of claim 56.

Regarding claim 5: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 57 perform all of the steps of method claim 5. Thus, claim 5 is rejected for the same reasons discussed in the rejection of claim 57.

Regarding claim 6: Chan satisfies all the elements of claim 5. The structural elements of apparatus claim 58 perform all of the steps of method claim 6. Thus, claim 6 is rejected for the same reasons discussed in the rejection of claim 58.

Regarding claim 7: Chan satisfies all the elements of claim 6. The structural elements of apparatus claim 59 perform all of the steps of method claim 7. Thus, claim 7 is rejected for the same reasons discussed in the rejection of claim 59.

Regarding claim 8: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 60 perform all of the steps of method claim 8. Thus, claim 8 is rejected for the same reasons discussed in the rejection of claim 60.

Regarding claim 9: Chan satisfies all the elements of claim 8. The structural elements of apparatus claim 61 perform all of the steps of method claim 9. Thus, claim 9 is rejected for the same reasons discussed in the rejection of claim 61.

Art Unit: 2626

Regarding claim 10: Chan satisfies all the elements of claim 9. The structural elements of apparatus claim 62 perform all of the steps of method claim 10. Thus, claim 10 is rejected for the same reasons discussed in the rejection of claim 62.

Regarding claim 11: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 63 perform all of the steps of method claim 11. Thus, claim 11 is rejected for the same reasons discussed in the rejection of claim 63.

Regarding claim 12: Chan satisfies all the elements of claim 1. Chan further discloses wherein said characteristics include processes for incorporating a plurality of colors on said plurality of color products (col. 8, ln. 37-45 and ln. 57-62).

Regarding claim 13: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 64 perform all of the steps of method claim 13. Thus, claim 13 is rejected for the same reasons discussed in the rejection of claim 64.

Regarding claim 14: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 65 perform all of the steps of method claim 14. Thus, claim 14 is rejected for the same reasons discussed in the rejection of claim 65.

Regarding claim 15: Chan satisfies all the elements of claim 14. The structural elements of apparatus claim 66 perform all of the steps of method claim 15. Thus, claim 15 is rejected for the same reasons discussed in the rejection of claim 66.

Regarding claim 16: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 67 perform all of the steps of method claim 16. Thus, claim 16 is rejected for the same reasons discussed in the rejection of claim 67.

Art Unit: 2626

Regarding claim 17: Chan satisfies all the elements of claim 16. The structural elements of apparatus claim 68 perform all of the steps of method claim 17. Thus, claim 17 is rejected for the same reasons discussed in the rejection of claim 68.

Regarding claim 18: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 69 perform all of the steps of method claim 18. Thus, claim 18 is rejected for the same reasons discussed in the rejection of claim 69.

Regarding claim 19: Chan satisfies all the elements of claim 18. The structural elements of apparatus claim 70 perform all of the steps of method claim 19. Thus, claim 19 is rejected for the same reasons discussed in the rejection of claim 70. Applicant only lists in the specification a spectrophotometer (p. 4, par. 48) as an example of a color measuring device. In Fig. 1, item 7 is listed as a color measuring device; therefore, any color measuring device inherently can be used to perform the task.

Regarding claim 20: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 71 perform all of the steps of method claim 20. Thus, claim 20 is rejected for the same reasons discussed in the rejection of claim 71.

Regarding claim 21: Chan satisfies all the elements of claim 20. The structural elements of apparatus claim 72 perform all of the steps of method claim 21. Thus, claim 21 is rejected for the same reasons discussed in the rejection of claim 72.

Regarding claim 22: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 73 perform all of the steps of method claim 22. Thus, claim 22 is rejected for the same reasons discussed in the rejection of claim 73.

Art Unit: 2626

Regarding claim 23: Chan satisfies all the elements of claim 22. The structural elements of apparatus claim 74 perform all of the steps of method claim 23. Thus, claim 23 is rejected for the same reasons discussed in the rejection of claim 74.

Regarding claim 24: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 75 perform all of the steps of method claim 24. Thus, claim 24 is rejected for the same reasons discussed in the rejection of claim 75.

Regarding claim 25: Chan satisfies all the elements of claim 1. The structural elements of apparatus claim 76 perform all of the steps of method claim 25. Thus, claim 25 is rejected for the same reasons discussed in the rejection of claim 76.

Regarding claim 26: Chan satisfies all the elements of claim 25. The structural elements of apparatus claim 77 perform all of the steps of method claim 26. Thus, claim 26 is rejected for the same reasons discussed in the rejection of claim 77.

Regarding claim 27: Chan satisfies all the elements of claim 25. The structural elements of apparatus claim 78 perform all of the steps of method claim 27. Thus, claim 27 is rejected for the same reasons discussed in the rejection of claim 78.

Regarding claim 28: Chan satisfies all the elements of claim 27. The structural elements of apparatus claim 79 perform all of the steps of method claim 28. Thus, claim 28 is rejected for the same reasons discussed in the rejection of claim 79.

Regarding claim 29: Chan satisfies all the elements of claim 28. The structural elements of apparatus claim 82 perform all of the steps of method claim 29. Thus, claim 29 is rejected for the same reasons discussed in the rejection of claim 82.

Art Unit: 2626

Regarding claim 30: Chan satisfies all the elements of claim 29. The structural elements of apparatus claim 83 perform all of the steps of method claim 30. Thus, claim 30 is rejected for the same reasons discussed in the rejection of claim 83.

Regarding claim 31: Chan satisfies all the elements of claim 30. The structural elements of apparatus claim 84 perform all of the steps of method claim 31. Thus, claim 31 is rejected for the same reasons discussed in the rejection of claim 84.

Regarding claim 32: Chan satisfies all the elements of claim 28. The structural elements of apparatus claim 81 perform all of the steps of method claim 32. Thus, claim 32 is rejected for the same reasons discussed in the rejection of claim 81.

Regarding claim 33: Chan satisfies all the elements of claim 32. The structural elements of apparatus claim 80 perform all of the steps of method claim 33. Thus, claim 33 is rejected for the same reasons discussed in the rejection of claim 80.

Regarding claim 34: Chan satisfies all the elements of claim 33. The structural elements of apparatus claim 81 perform all of the steps of method claim 34. Thus, claim 34 is rejected for the same reasons discussed in the rejection of claim 81.

Regarding claim 35: Chan discloses storing development information (manufacture the ink, col. 3, ln. 55-57) in at least one database (Fig. 1, database software 22) set forth on at least one site processor (Fig. 1, central processor unit 4), said development information including characteristics related to development of a plurality of color products (col. 8, ln. 57-62), said development information including processes for incorporating a plurality of colors on said plurality of color products (col. 8, ln. 57-62); receiving first color information from a first color product development specialist (col. 3, ln. 51-54), said first color information including at least a first color (col. 3, ln. 51-54); identifying first

Art Unit: 2626

development information in said at least one database (Fig. 1, database software 22), said first development information including at least said first color (col. 3, ln. 51-54); receiving at least one physical characteristic of said first color product (ink formulation, col. 3, ln. 55-67); communicating said development information using a global communication network between at least two color product development specialists (col. 2, ln. 65-57 through col. 3, ln. 1-18); and using said first development information to determine whether said at least one physical characteristic is compatible with said first color (col. 3, ln. 55-67).

Regarding claim 36: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 57 perform all of the steps of method claim 36. Thus, claim 36 is rejected for the same reasons discussed in the rejection of claim 57.

Regarding claim 37: Chan satisfies all the elements of claim 36. The structural elements of apparatus claim 58 perform all of the steps of method claim 37. Thus, claim 37 is rejected for the same reasons discussed in the rejection of claim 58.

Regarding claim 38: Chan satisfies all the elements of claim 37. The structural elements of apparatus claim 59 perform all of the steps of method claim 38. Thus, claim 38 is rejected for the same reasons discussed in the rejection of claim 59.

Regarding claim 39: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 60 perform all of the steps of method claim 39. Thus, claim 39 is rejected for the same reasons discussed in the rejection of claim 60.

Regarding claim 40: Chan satisfies all the elements of claim 39. The structural elements of apparatus claim 61 perform all of the steps of method claim 40. Thus, claim 40 is rejected for the same reasons discussed in the rejection of claim 61.

Art Unit: 2626

Regarding claim 41: Chan satisfies all the elements of claim 40. The structural elements of apparatus claim 62 perform all of the steps of method claim 41. Thus, claim 41 is rejected for the same reasons discussed in the rejection of claim 62.

Regarding claim 42: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 63 perform all of the steps of method claim 42. Thus, claim 42 is rejected for the same reasons discussed in the rejection of claim 63.

Regarding claim 43: Chan satisfies all the elements of claim 35. Chan discloses generating a visibly perceptible representation of said first color product in response to said at least one physical characteristic (col. 3, ln. 55-67 and col. 3, ln. 29-34 and customer has to approve the selected color in order for the next process to occur, col. 4, ln. 4-11).

Regarding claim 44: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 76 perform all of the steps of method claim 44. Thus, claim 44 is rejected for the same reasons discussed in the rejection of claim 76.

Regarding claim 45: Chan satisfies all the elements of claim 44. The structural elements of apparatus claim 78 perform all of the steps of method claim 45. Thus, claim 45 is rejected for the same reasons discussed in the rejection of claim 78.

Regarding claim 46: Chan satisfies all the elements of claim 45. The structural elements of apparatus claim 82 perform all of the steps of method claim 46. Thus, claim 46 is rejected for the same reasons discussed in the rejection of claim 82.

Regarding claim 47: Chan satisfies all the elements of claim 45. The structural elements of apparatus claim 79 perform all of the steps of method claim 47. Thus, claim 47 is rejected for the same reasons discussed in the rejection of claim 79.

Regarding claim 48: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 77 perform all of the steps of method claim 48. Thus, claim 48 is rejected for the same reasons discussed in the rejection of claim 77.

Regarding claim 49: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 69 perform all of the steps of method claim 49. Thus, claim 49 is rejected for the same reasons discussed in the rejection of claim 69.

Regarding claim 50: Chan satisfies all the elements of claim 49. Arguments analogous to those stated in the rejection of claim 19 are applicable.

Regarding claim 51: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 74 perform all of the steps of method claim 51. Thus, claim 51 is rejected for the same reasons discussed in the rejection of claim 74.

Regarding claim 52: Chan satisfies all the elements of claim 35. The structural elements of apparatus claim 75 perform all of the steps of method claim 52. Thus, claim 48 is rejected for the same reasons discussed in the rejection of claim 75.

Regarding claim 53: Chan discloses a database (Fig. 1, database software 22) storing development information (manufacture the ink, col. 3, ln. 55-57), said development information including characteristics (color information) related to development of a plurality of color products (col. 8, ln. 57-62); a first software facility (software package B 20, col. 3, ln. 51-54) receiving first color information (col. 3, ln. 51-54), said first color information including at least a first color (col. 3, ln. 51-54); a second software facility (software package A 12, col. 3, ln. 39-42) identifying first development information in said database (Fig. 1, database software 22), said first development information including at least said first color (col. 3, ln. 51-54); a third software facility (software package C 22,

Art Unit: 2626

col. 3, ln. 55-60) receiving at least one physical characteristic of said color product (ink formulation, col. 3, ln. 55-67); and a fourth software facility (software package C 22) using said first development information to determine whether said at least one physical characteristic is compatible with said first color (col. 3, ln. 55-67).

Regarding claim 54: Chan satisfies all the elements of claim 53. Chan further discloses a communication network (col. 2, ln. 65-57 through col. 3, ln. 1-18) wherein at least two color product development specialists (printer customers, print buyers, packaging designers) communicate said first development information using said communication network (col. 2, ln. 37-47 and col. 3, ln. 1-6).

Regarding claim 55: Chan satisfies all the elements of claim 54. Chan further discloses wherein said communicated first development information includes a pointer to said first development information (col. 6, ln. 65-67 through col. 7, ln. 1-2).

Regarding claim 56: Chan satisfies all the elements of claim 53. Chan further discloses wherein said received first color information is in a first format (CIELAB, col. 5, ln. 61-65).

Regarding claim 57: Chan satisfies all the elements of claim 53. Chan further discloses wherein at least one of said characteristics is a color characteristic (col. 7, ln. 27-32).

Regarding claim 58: Chan satisfies all the elements of claim 57. Chan further discloses wherein said development information further includes said color characteristic stored in a plurality of formats (col. 5, ln. 63-65).

Regarding claim 59: Chan satisfies all the elements of claim 58. Chan further discloses wherein said plurality of formats comprise at least one of visual spectral data, CIEXYZ, CIELAB, CIELUV, CIEUVW, color space, chromaticity coordinates xy, u'v" and uv,

Art Unit: 2626

computer graphics triplets including RGB, CMYK, HLS, HIS, HSV and HVC, Munsell notation, Swedish Natural Color System notation, ColorCurve notation, RAL notation, Pantone color number, DIC color number, Color Marketing Group color name, and Color Association of the United States color name (col. 5, ln. 63-65).

Regarding claim 60: Chan satisfies all the elements of claim 53. Chan further discloses wherein said first color information is translated from a first format to a second format (color can be expressed in different formats col. 5, ln. 63-65 and col. 3, ln. 51-54).

Regarding claim 61: Chan satisfies all the elements of claim 60. Chan further discloses a communication network wherein at least two color product development specialists (printer customers, print buyers, packaging designers) communicate said first color development information using said communication network (col. 2, ln. 37-47 and col. 3, ln. 1-6); and said first development information being in a third format (col. 5, ln. 63-65) in response to at least one characteristic corresponding to at least one of said at least two color product development specialists (printer customers, print buyers, packaging designers), and wherein said characteristic (color information) is a characteristic of a device (display) used by at least one of said at least two color product development specialists (printer customers, print buyers, packaging designers) to generate a visibly perceptible representation of said first color (col. 6, ln. 42-55).

Regarding claim 62: Chan satisfies all the elements of claim 61. Chan further discloses wherein said third format is said first format (any of 3 formats, col. 5, ln. 63-65).

Regarding claim 63: Chan satisfies all the elements of claim 53. Chan further discloses a fifth software facility (server 10) for generating a visibly perceptible representation of said first color in response to said first color information (col. 3, ln. 29-34).

Art Unit: 2626

Regarding claim 64: Chan satisfies all the elements of claim 53. Chan further discloses wherein said characteristics include at least one substrate characteristic (col. 4, ln. 29-39).

Regarding claim 65: Chan satisfies all the elements of claim 64. Chan further discloses wherein said characteristics include an ability of said color product to resist at least one of water, solvent, acid, alkali, temperature, humidity, abrasion, crocking, bending, light, and ultraviolet radiation (col. 7, ln. 27-32).

Regarding claim 66: Chan satisfies all the elements of claim 65. Chan further discloses a fifth software facility (server 10) for generating a visibly perceptible representation of said first color (col. 3, ln. 29-34) in response to said at least one substrate characteristic (col. 4, ln. 29-39).

Regarding claim 67: Chan satisfies all the elements of claim 53. Chan further discloses a sixth software facility (automated dispensing equipment 24) for printing said color product using said first color (col. 4, ln 4-11).

Regarding claim 68: Chan satisfies all the elements of claim 67. Chan further discloses wherein said sixth software facility provides for at least one of flexographic printing, offset printing, and gravure printing methods (print process, col. 4, ln. 26-30).

Regarding claim 69: Chan satisfies all the elements of claim 53. Chan further discloses wherein said third software facility further provides for using a color measuring device (Fig. 1, spectrophotometer 14, col. 3, ln. 38-50).

Regarding claim 70: Chan satisfies all the elements of claim 53. Chan further discloses wherein said color measuring device is at least one of a spectrocolorimeter, a spectrodensitometer, a calorimeter, and a spectrophotometer (Fig. 1, spectrophotometer 14).

Art Unit: 2626

Regarding claim 71: Chan satisfies all the elements of claim 53. Chan further discloses wherein said second software facility further provides for selecting said first color information from a plurality of retrievable samples located in at least one electronic color library (col. 4, ln. 59-67 through col. 5, ln. 1-9).

Regarding claim 72: Chan satisfies all the elements of claim 71. Chan further discloses wherein said at least one electronic color library (col. 4, ln. 59-67 through col. 5, ln. 1-9) is set forth on at least one site processor (Fig. 1, computer processor 4).

Regarding claim 73: Chan satisfies all the elements of claim 53. Chan further discloses a global communication network for communicating said first color information (col. 2, ln. 65-67 through col. 3, ln. 1-7).

Regarding claim 74: Chan satisfies all the elements of claim 73. Chan further discloses wherein said global communication network is the Internet (col. 2, ln. 65-67 through col. 3, ln. 1-7).

Regarding claim 75: Chan satisfies all the elements of claim 53. Chan further discloses a direct dial-up connection for communicating said first color information (direct dial-up is an inherent option of Internet connection of a user).

Regarding claim 76: Chan satisfies all the elements of claim 53. Chan further discloses access to said database to at least two color product development specialists (col. 4, ln. 39-44).

Regarding claim 77: Chan satisfies all the elements of claim 76. Chan further discloses wherein said at least two color product development specialists include at least one of a customer, a designer, a color separator, a printer, and an ink manufacturer (col. 3, ln. 10-13).

Art Unit: 2626

Regarding claim 78: Chan satisfies all the elements of claim 76. Chan further discloses wherein said database comprises data entry display screens enabling said at least two color product development specialists to enter their respective contributions to said development of said color product (Fig. 1, color monitor 6 and 16 and viewing booth 8 and col. 3, ln. 10-13).

Regarding claim 79: Chan satisfies all the elements of claim 78. Chan further discloses wherein said data entry display screens provide choices in to said color product development specialists in response to said respective contributions to said development of said color product (col. 3, ln. 10-14 and col. 3, ln. 29-37 and col. 4, ln. 39-44).

Regarding claim 80: Chan satisfies all the elements of claim 79. Chan further discloses wherein at least one of said first, second, third and fourth software facility notifies said color product development specialists to stop development of said color product in response to said respective contributions to said development of said color product (software package A moves information back and forth between other components of the system, col. 3, ln. 41-42 and the customer has to approve the selected color in order for the next process to occur, col. 4, ln. 4-7).

Regarding claim 81: Chan satisfies all the elements of claim 80. Chan further discloses wherein said at least one of said first, second, third and fourth software facility (software package A moves information back and forth between other components of the system, col. 3, ln. 41-42) notifies said color product development specialists to revise said development of said color product in response to said respective contributions to said development of said color product (determine if matching is desirable, col. 3, ln. 3-7, col. 3, ln. 10-13, and col. 7, ln. 13-20).

Art Unit: 2626

Regarding claim 82: Chan satisfies all the elements of claim 78. Chan further discloses wherein said data entry display screens (Fig. 1, color monitor 6 and 16 and viewing booth 18) provide choices to said color product development specialists in response to said compatibility of at least one physical characteristic with said first color (col. 4, ln. 4-11).

Regarding claim 83: Chan satisfies all the elements of claim 82. Chan further discloses wherein said at least one of said first, second, third and fourth software facility notifies said color product development specialists to stop development of said color product in response to said compatibility of said at least one physical characteristic with said first color (software package A moves information back and forth between other components of the system, col. 3, ln. 41-42 and the customer has to approve the selected color in order for the next process to occur, col. 4, ln. 4-7).

Regarding claim 84: Chan satisfies all the elements of claim 83. Chan further discloses wherein said at least one of said first, second, third and fourth software facility notifies said color product development specialists to revise said development of said color product in response to said compatibility of said at least one physical characteristic with said color (software package A moves information back and forth between other components of the system, col. 3, ln. 41-42 and the customer has to approve the selected color in order for the next process to occur, col. 4, ln. 4-11).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Gerber (6,689,035) ; Yon et al. (6,507,824) ; Johnston et al. (6,772,151).

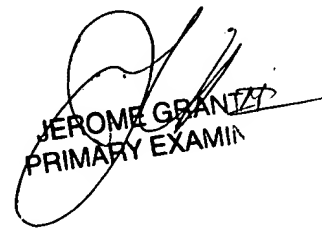
Art Unit: 2626

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charlotte M Baker whose telephone number is (571) 272-7459. The examiner can normally be reached on Monday-Friday 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


cmb


JEROME GRANTZ
PRIMARY EXAMINER